

## ABSTRACT OF THE DISCLOSURE

The invention provides an electronic wrench which  
5 includes means for measuring the instantaneous applied torque  
and means for measuring the instantaneous angle of rotation  
during tightening. The physical parameters of the screw  
connection for tightening and a setpoint value for the  
tightening are initially entered into the wrench via a keypad.  
10 During the tightening operation, the processor means calculate  
the instantaneous traction force on the screw fastener as a  
function of the measured instantaneous values of torque and  
angle and as a function of the recorded characteristics of the  
screw fastener.

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